## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	49	("5270891" "5408376" "5513051" "4970707" "6198203" "4489352" "4542425" "4558381" "4764819" "4794472" "5210663" "5313347" "5331480" "5471352" "5725168" "5947402" "6118637" "6190006" "6577370" "6769761" "20040041887" "20040104978" "20040218019" "4958111" "5218259" "5295288" "6184609" "4285017" "4295172" "4393417" "4393416" "4630146" "4780774" "4796123" "4991031" "5191492" "5371636" "5438469" "5463506" "5646803" "6215755" "6215755" "4924336" "6018434" "4285016" "4313141" "4611251" "4791505" "4825059" "4825984" ).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 08:34
L3	1146	piezoelectric with guide	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 14:41
L4	148935	"360"/\$.ccls. "720"/\$.ccls. "242"/\$. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 09:37
L5	42	3 and 4	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 09:37
L6	1223	piezoelectric with (pole rail)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 10:51
L7	6	5 and 6	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 13:42
L8	1	("5050157").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 13:44
L9	12	("4188645"   "4302830"   "4479051"   "4538191"   "4605977"   "4745589"   "4955598").PN. OR ("5050157"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 13:45
L10	3	"59096881".pn,59109038.pn. "59188381".pn."60091879".pn. "02022996".pn.	JPO	OR	ON	2006/07/20 14:33
L11	1	("5050157").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 14:33

## **EAST Search History**

L12	12	("4188645"   "4302830"   "4479051"   "4538191"   "4605977"   "4745589"   "4955598").PN. OR ("5050157"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 14:33
L13	12	("4188645"   "4302830"   "4479051"   "4538191"   "4605977"   "4745589"   "4955598").PN. OR ("5050157"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 14:40
L14	1	("5050157").PN. OR ("6078440"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 14:40
L15	71	piezoelectric with guide with motor	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 14:41
L16	103	piezoelectric with (rail pole guide) with motor	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 14:41
L17	23	("2488586"   "2686882"   "3211931"   "3573960"   "4160184"   "4180892"   "4210837"   "4211951"   "4349183"   "4392935"   "4453103"   "4523120"   "4565941").PN. OR ("4987334"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 14:47
L18	1	("4987334").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 14:49
S1	. 0	"10764842"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 08:34
S2	1	"10/764842"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/11 17:04
S3	3	(("6563767") or ("6541931") or ("5877579")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/11 17:05
S4	9052	tape and piezoelectric	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 15:54
S5	416	S4 and ("360"/\$.ccls. or "720"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 15:54
S6	0	"10764842"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 12:00
S7	1	"10/764842"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 13:47

## **EAST Search History**

S8	28	("2656419"   "2858373"   "2937239"   "3183516"   "3204228"   "3526726"   "3706861"   "3787616"   "3900888"   "Re20213").PN. OR ("4258398"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 14:28
S9	3	("5877579" "6541931" "6563767").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 14:28
S10	2754	tape and piezoelectric and guide	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 09:27
S11	167	S10 and ("360"/\$.ccls. or "720"/\$.ccls. )	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 15:54
S12	55	("3692255"   "4313143"   "4630147"   "4677505"   "4713707"   "4717978"   "4750067"   "4858047"   "4985787"   "5008765"   "5050025"   "5105322"   "5148336"   "5148341"   "5191492"   "5196969"   "5198947").PN. OR ("5280402").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 16:09
S13	1	"56074822".pn.	JPO; DERWENT	OR	ON	2006/07/18 11:16
S14	7	"2115210"	EPO; DERWENT	OR	ON	2006/07/18 11:17
S15	0	"91366799"	DERWENT	OR	ON	2006/07/18 13:20
S16	1	("5280402").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 13:20
S17	1	guide and S16	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 13:24
S18	1	piezoelectric and S16	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 13:35
S19	1810	piezoelectric and guide and head and tape	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 13:36
S20	162	S19 and ("360"/\$.ccls. "242"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 13:50
S21	79	(360/261.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 13:44